



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/728,374	12/04/2003	Randall Frank	08575-088001 / F-One Inte	6383
26161	7590	11/16/2007	EXAMINER	
FISH & RICHARDSON PC			SIKRI, ANISH	
P.O. BOX 1022			ART UNIT	
MINNEAPOLIS, MN 55440-1022			2143	
			MAIL DATE	DELIVERY MODE
			11/16/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/728,374

Applicant(s)

FRANK ET AL.

Examiner

Anish Sikri

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 September 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-33,89 and 90 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-33,89 and 90 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>09/07/04 09/04/07</u> .                                       | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### Information Disclosure Statement

The information disclosure statement submitted on 09/07/2004 and 09/04/2007 has been considered by the Examiner and made of record in the application file.

### *Preliminary Amendment*

The present Office Action is based upon the original patent application filed on 12/04/2003 as modified by the preliminary amendment filed on 04/29/2004. **Claims 1-33, and 89** are now pending in the present application.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims **1-9, 11, 13-23, 25-28, 33, 89, 90** are rejected under 35 U.S.C. 102(b) as being anticipated over Tang et al (US Pat 5,793,365).

Consider **Claim 1**, Tang et al clearly discloses a method comprising: receiving from a first person a request to converse with a second person using any one of two or more selectable communication modes (Tang et al, Fig 1A, Fig 1B, Col 5 Lines 55-67, Col 6 Lines 1-10 Col 15 Claim 1 and 2); and in response to the received request, automatically performing an action using a second one of the two or more communication modes, selection of the second mode being determined by a rule created by the second person (Fig 1A, Fig 1B, Col 5 Lines 55-67, Col 6 Lines 1-10 Col

15 Claim 1 and 2). Tang et al clearly shows the method of a first person request to converse with second person in the figures (Fig 1A, Fig 1B).

Consider **Claim 2**, Tang et al clearly discloses a method of claim 1 wherein the rule is created by the second person using a user interface on a computing device (Col 5 Lines 55-66, Col 6 Lines 1-10). Tang et al clearly shows the rules and modes of communication (Col 12 Lines 9-16) which can range from attentive, idle, engaged, do not disturb, and absent states (Col 4 Lines 15-27 Col 5 Lines 55-66, Col 6 Lines 1-10).

Consider **Claim 3**, Tang et al clearly discloses a method of claim 1 further comprising selecting the rule from a set of one or more rules based on a condition statement of the rule (Col 5 Lines 55-66, Col 6 Lines 1-10). Tang et al clearly shows the rules which are based on a condition statement of the rule which can range from attentive, idle, engaged, do not disturb, and absent states (Col 5 Lines 55-66, Col 6 Lines 1-10).

Consider **Claim 4**, Tang et al clearly discloses a method of claim 1 further comprising selecting the rule based on the one of two or more communication modes (Fig 7, Col 3 Lines 59-67). Tang et al clearly shows the rules based on the one of the two or more communication modes such as chat (Fig 7, Col 3 Lines 59-67).

Consider **Claim 5**, Tang et al clearly discloses a method of claim 1 further comprising selecting the rule based on an identity of the first person (Col 5 Lines 55-66,

Art Unit: 2143

Col 6 Lines 1-10). Tang et al clearly shows the rules which can range from attentive, idle, engaged, do not disturb, and absent states to the identify of the first person (Col 5 Lines 55-66, Col 6 Lines 1-10).

Consider **Claim 6**, Tang et al clearly discloses a method of claim 1 further comprising selecting the rule based on a current status of the second person (Col 6 Lines 29-36, Col 7 Lines 29-55). Tang et al clearly shows on how rules affect the status of the second person. Different types of icons are used to represent the various states of user's status (Col 6 Lines 29-36).

Consider **Claim 7**, Tang et al clearly discloses a method of claim 1 further comprising determining an electronic document associated with the first person and retrieving the electronic document if the second person indicates a desire to view the document (Col 9 Lines 42-50). Tang et al shows on how files and other data objects are transferred between users (Col 9 Lines 42-50).

Consider **Claim 8**, Tang et al clearly discloses a method of claim 7 further comprising displaying the electronic document to the second person (Col 9 Lines 42-50, Col 10 Lines 33-36). Tang et al shows on how electronic documents are displayed between users (Col 9 Lines 42-50).

Consider **Claim 9**, Tang et al clearly discloses a method of claim 7 further comprising retrieving the electronic document from an e-mail storage module, wherein

the electronic document is an e-mail message (Col 8 Lines 6-10). Tang et al shows that one of the methods of communication can indeed be in a form of an email between users (Col 8 Lines 6-10).

Consider **Claim 11**, Tang et al clearly discloses a method of claim 1 wherein automatically performing the action further comprises enabling the first person to leave a message if the current status of the second person is that the second person is unavailable to converse (Fig 1, Fig 2, Col 5 Lines 55-66, Col 6 Lines 1-10, Lines 27-37).. Tang et al clearly shows on how first person receives the status of the second person, when the second person is unable to converse. Different types of icons are used to represent the various states of user's status (Col 6 Lines 29-36).

Consider **Claim 13**, Tang et al clearly discloses a method of claim 1 wherein the one of two or more communication modes comprises a voice conversation communication mode (Fig 11 – Audio-Conference 83, Col 4 Lines 15-22, Col 13 Lines 9-11, Col 14 Lines 46-57). Tang et al does show that one of the types of communication modes can be in voice conversation mode with the use of microphone and speakers (Fig 11 – Audio-Conference 83, Col 4 Lines 15-22, Col 13 Lines 9-11, Col 14 Lines 46-57).

Art Unit: 2143

Consider **Claim 14**, Tang et al clearly discloses a method of claim 13 wherein the voice conversation communication mode comprises Voice over Internet Protocol (Fig 11 – Audio-Conference 83, Col 4 Lines 15-22, Col 13 Lines 9-11, Col 14 Lines 46-57). Tang et al clearly does show that one of the types of communication modes can be carried out with the use of VOIP.

Consider **Claim 15**, Tang et al clearly discloses a method of claim 1 wherein the one of two or more communication modes comprises a voice/video conversation communication mode (Fig 11 – Audio-Conference 83, Video-Conference 81, Col 4 Lines 15-22, Col 13 Lines 9-11, Col 14 Lines 40-57). One of the types of communication can be carried out with the use of a web cam for voice/video conversation mode.

Consider **Claim 16**, Tang et al clearly discloses a method of claim 1 wherein the one of two or more communication modes comprises a graphic text-based conversation communications mode (Fig 5 – Chat window, Col 4 Lines 15-22, Col 9 Lines 22-37). Tang et al clearly a show one of the types of communication is in the form of chat mode, which uses text-based conversation.

Consider **Claim 17**, Tang et al clearly discloses a method of claim 16 wherein the graphic text-based conversation communication mode comprises Instant Messaging (Fig 5 – Chat window, Col 4 Lines 15-22, Col 9 Lines 22-37). Tang et al clearly a show



one of the types of communication is in the form of chat mode, which uses text-based conversation, therefore instant messaging.

Consider **Claim 18**, Tang et al clearly discloses a system comprising: a computing device comprising: a transceiver configured to receive a request to converse with a user of the computing device; using a selected first one of two or more selectable communication modes; and an integration module configured to automatically perform an action using a second one of the two or more communication modes (Fig 1A, Fig 1B, Col 15-16 Claim 1 and 2, Fig 5 – Chat window, Col 4 Lines 15-22, Col 9 Lines 22-37), selection of the second mode being determined by a rule created by the user based on the received request (Tang et al, Col 12 Lines 61-67, Col 13 Lines 1-12). Tang et al clearly shows the system capable of carrying out different types of communication methods.

Consider **Claim 19**, Tang et al discloses the system of claim 18 wherein the integration module comprises a microphone and a speaker (Col 13 Lines 5-12, Col 7 Lines 3-8). The use of a microphone and a speaker is clearly shown.

Consider **Claim 20**, Tang et al discloses the system of claim 18 wherein the integration module comprises a user interface hook to detect when the user is interacting with the computing device (Col 15 Lines 13-22). The use of the activity manager detects when the user is interacting with the computing device.

Consider **Claim 21**, Tang et al discloses the system of claim 18 wherein the integration module comprises a user interface that enables the user to specify the action (Col 7 Lines 65-67, Col 8 Lines 1-14). Tang et al clearly shows on what type of action involving communicating with other users can be carried out.

Consider **Claim 22**, Tang et al discloses the system of claim 18 further comprising a network (Col 11 Lines 37-40). Various types of networks can be used.

Consider **Claim 23**, Tang et al discloses the system of claim 22 further comprising a second computing device configured to send the request to converse (Col 11 Lines 66-67, Col 12 Lines 1-8). Tang et al shows that a second computing device is required to send the request to converse with the users on the network.

Consider **Claim 25**, Tang et al discloses the system of claim 22 further comprising a switched local area network (Col 11 Lines 37-40). Various types of network can be used to communicate with the users.

Consider **Claim 26**, Tang et al discloses the system of claim 25 wherein the transceiver is further configured to receive a request to converse via the switched local area network (Col 13 Lines 5-12, Col 7 Lines 3-8, Col 11 Lines 37-40). Tang et al clearly shows that the transceiver can be comprised of speakers and microphone attached to the computing device.

Consider **Claim 27**, Tang et al discloses the system of claim 25 wherein the switched local area network is configured to connect the computing device to an Internet (Col 11 Lines 37-40). Various types of network can be used.

Consider **Claim 28**, Tang et al discloses the system of claim 25 wherein the switched local area network is configured to connect the computing device to an intranet (Col 11 Lines 37-40). It is inherent to use Intranet in a network that can easily be part of a LAN.

Consider **Claim 33**, Tang et al clearly discloses an article comprising a machine-readable medium that stores executable instruction signals that cause a machine to: receive, from a first person, a request to converse with a second person using a selected first one of two or more selectable communication modes (Fig 1A, Fig 1B, Col 15-16 Claim 1 and 2); and in response to the request, automatically perform an action using a second one of the two or more communication modes, selection of the second mode being determined by a rule created by the first user (Col 5 Lines 55-66, Col 6 Lines 1-10). Tang et al clearly shows the method of a first person request to converse with second person in the figures (Fig 1A, Fig 1B). And Tang et al also shows the rules which can range from attentive, idle, engaged, do not disturb, and absent states (Col 5 Lines 55-66, Col 6 Lines 1-10).

Consider **Claim 89**, Tang et al clearly shows the following system comprising: a computer device; a user interface that is configured to enable a user to interact with a person using one of at least two of voice conversation (Fig 1A, Fig 1B, Col 15-16 Claim 1 and 2), voice-video conversation (Fig 11 – Audio-Conference 83, Video-Conference 81, Col 4 Lines 15-22, Col 13 Lines 9-11, Col 14 Lines 40-57), graphic text-based conversation (Fig 5 – Chat window, Col 4 Lines 15-22, Col 9 Lines 22-37), fax, and electronic mail (Col 8 Lines 6-10); wherein the interaction comprises: creating a rule to cause the computer device to automatically perform an action based on a request to converse with the user (Col 5 Lines 55-66, Col 6 Lines 1-10); viewing an automatically generated listing of a set of persons, the listing comprising a name, presence information, and communication modes available for the user to communicate with the person from the set of persons (Col 5 Lines 55-66, Col 6 Lines 1-10).; selecting the person from the set of persons (Col 5 Lines 55-66, Col 6 Lines 1-10).; selecting a communication mode from the communication modes available to communicate with the person (Fig 1A, Fig 1B, Col 15-16 Claim 1 and 2); retrieving information about a person using an identifying characteristic of the person, where the identifying characteristic is selected by the user from a display (Fig 1A, Fig 1B, Col 15-16 Claim 1 and 2); and communicating with the person (Fig 1A, Fig 1B, Col 15-16 Claim 1 and 2). Tang et al clearly shows the system capable of carrying out different types of communication methods.

Consider **Claim 90**, Tang et al clearly shows the system of claim 18 in which the integration module is also configured to interact with the two or more communication modes, the modes including at least two of voice conversation software, voice-video conversation software, graphic text-based conversation software, fax software, and electronic mail software (Fig 1A, Fig 1B, Col 15-16 Claim 1 and 2, Fig 5 – Chat window, Col 4 Lines 15-22, Col 9 Lines 22-37). Tang et al clearly shows the system capable of carrying out different types of communication methods.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of

Art Unit: 2143

the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

**Claims 10, 24, 29-32** rejected under 35 U.S.C. 103(a) as being unpatentable over Tang et al (US Pat 5,793,365), and further in view of Rudy et al (US Pat 6,360,252).

**Claim 12** is rejected under 35 U.S.C. 103(a) as being unpatentable over Tang et al (US Pat 5,793,365), and further in view of Malik (US Pub 2004/0078443).

Consider **Claim 10**, Tang et al in view of Rudy et al fails to disclose the method of claim 7 further comprising retrieving a calendar of the second person from a calendar storage module, wherein the electronic document is the calendar. But nonetheless, Rudy et al clearly discloses the method of claim 7 further comprising retrieving a calendar of the second person from a calendar storage module, wherein the electronic document is the calendar (Rudy et al, Col 17, Lines 10-25). Therefore it would have been obvious to a person of ordinary skill in the art at the time of the invention was made to incorporate the use of a calendar taught by Rudy et al in Tang et al's method of

calendar retrieval, for the purpose of allowing users on the network to make their schedules available for other users on the network to schedule appointments with them.

Consider **Claim 12**, Tang et al fails to disclose a method of claim 1 wherein automatically performing the action further comprises forwarding the request to converse to a third person if a current status of the second person is that the second person is unavailable to converse and the third person is available to converse

Nonetheless, Malik discloses automatically performing the action further comprises forwarding the request to converse to a third person if a current status of the second person is that the second person is unavailable to converse and the third person is available to converse (Malik, [0075]-[0079]). Malik discloses transferring of messages to third party.

Therefore it would have been obvious to a person skilled in the art at the time of the invention was made to incorporate transferring of communication request to third party, taught by Malik in the system of Tang et al, for the purpose of ensuring communication is carried out even if one of the member of the party is unavailable to converse.

Consider **Claim 24**, Tang et al in view of Rudy et al fails to disclose the system of claim 22 further comprising a telephone configured to send the request to



Art Unit: 2143

converse. Nonetheless, Rudy et al clearly discloses the system of claim 22 further comprising of a telephone configured to send the request to converse (Rudy et al, Col 26 Lines 20-24). Therefore it would have been obvious to a person of ordinary skill in the art at the time of the invention was made to incorporate the use of a telephone to send the request to converse in the application taught by Rudy et al in Tang et al's system, for the purpose of allowing users communicate via analog land telephone lines with each other.

Consider **Claim 29**, Tang et al in view of Rudy et al fails to disclose wherein the switched local area network is configured to connect to an Internet protocol/public switched telephone network gateway. Nonetheless, Rudy et al clearly discloses the switched local area network is configured to connect to an Internet protocol/public switched telephone network gateway (Rudy et al, Col 26 Lines 20-24). Therefore it would have been obvious to a person of ordinary skill in the art at the time of the invention was made to incorporate the use of a switched telephone network gateway to the LAN taught by Rudy et al in Tang et al's system, for the purpose of allowing users of the company to connect to the corporate network via the public telephone network gateway.

Consider **Claim 30**, Tang et al in view of Rudy et al discloses the system of claim 29 wherein the network further comprises a second switched local area network (Col 11 Lines 37-40). Various types of network can be used to communicate with the users.

Art Unit: 2143

Consider **Claim 31**, Tang et al in view of Rudy et al discloses the system of claim 29, wherein the second computing device sends the request to converse via the second switched local area network (Col 11 Lines 66-67, Col 12 Lines 1-8). Tang et al shows that a second computing device is required to send the request to converse with the users on the network which can be on the second switched local area network.

Consider **Claim 32**, Tang et al in view of Rudy et al fails to disclose the system of claim 31 wherein the network further comprises a telephone system and a public switched telephone network configured to enable the telephone to send the request to converse to the computing device. Nonetheless Rudy et al clearly discloses the system further comprises a telephone system and a public switched telephone network configured to enable the telephone to send the request to converse to the computing device (Rudy et al, Col 26 Lines 20-24). Therefore it would have been obvious to a person of ordinary skill in the art at the time of the invention was made to incorporate the use of a telephone to send the request to converse in the application taught by Rudy et al in Tang et al's system, for the purpose of allowing users of the company to connect to the corporate network via the public telephone network with aid of a telephone/fax modem.

***Response to Arguments***

Applicant's arguments filed 09/04/2007 have been fully considered but they are not persuasive.

Applicant argues that for claims 1-9, 11-23, 25-28, 30-31, 33, and 89 that "Tang et al fails to describe or render obvious a system that automatically uses a second mode, when the originating user selected a first mode, based on a rule set by the targeted user. In the cited portions of Tang, only there is no mention whatsoever of performing an action based on a rule set by the targeted person, let alone connecting by a mode other than the mode the first user selected. The activity indicators, each of which the examiner regards as a "rule," are only indicators of *activity*. In fact, even Tang et al refers to these indicators as "signs." For example, in referring to these indicators, Tang et al states "such a 'sign' does not prevent a worker from interacting with this worker, but rather, provides an important social cue as to the appropriateness of such contact."

In response to applicant's argument that the references fail to show certain features of the applicant's invention, it is noted that the features upon which applicant relies "rules set by targeted user" is taught by prior art of Tang et al. Tang et al discloses the states of the user. The user or the system decides the states/rules. If the user sets his/her activity as unavailable, then the for the second/third party etc, the first user (targeted user) will appear unavailable, hence a rule has been set by the first user

Art Unit: 2143

users. Tang et al also does show different types of communication methods which can be used by the user (Tang et al Col 12 Lines 9-16, Col 14 Lines 40-58).

***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anish Sikri whose telephone number is 571-270-1783. The examiner can normally be reached on 8am - 5pm Monday - Friday.

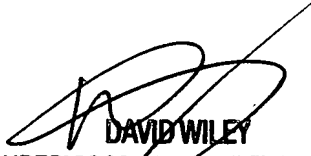
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2143

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Anish Sikri  
a.s.

October 27, 2007



DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100